

Converting Colors

Hex(51103C)

Have a look what the booklet for
Hex(51103C) contains.

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Color

Hex(51103C)

Conversions

Conversions Part 1

Format	Color
Hex	51103C
RGB	81, 16, 60
RGB Percent	32%, 6%, 24%
CMY	0.6824, 0.9373, 0.7647
CMYK	0.00, 0.80, 0.26, 0.68
HSL	319°, 67%, 19%
HSV	319°, 80%, 32%
XYZ	4.3942, 2.4462, 4.5155
YIQ	40.4510, 24.6160, 27.4640

Conversions

Conversions Part 2

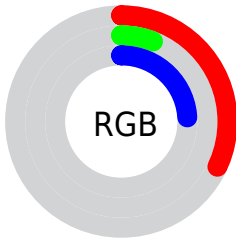
Format	Color
RYB	81, 16, 60
Decimal	5312572
CIELab	17.67, 34.31, -11.17
CIELCh	18, 36.082, 341.966
Yxy	2.4462, 0.3870, 0.2154
Android (android.graphics.Color)	4283502652 (0xFF51103C)
YUV	40.4510, 9.6377, 35.5615
Hunter-Lab	15.6402, 22.7807, -6.1696




Details

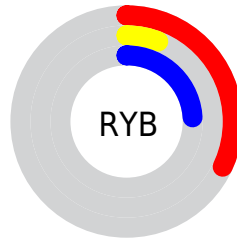
The Hex color **51103C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **105125**, and the grayscale version is **282828**.




A 20% lighter version of the original color is **85426B**, and **230011** is the 20% darker color. If you saturate the color by 10%, you get **510839**, and if you desaturate by 10%, it is **51183F**.

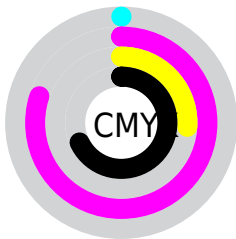
Distribution







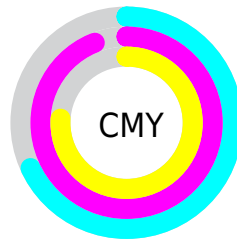
-  Red (32%)
-  Green (6%)
-  Blue (24%)






-  Red (32%)
-  Yellow (6%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (80%)
-  Yellow (26%)
-  Black (68%)





-  Cyan (68%)
-  Magenta (94%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51103C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 51103C by changing the saturation by 10% instead.

 51103C

 51103C

FFFEFF

 380026

 85426B

 230011

 A05A85

 000000


 BC749F


 D88EBA

 F5A9D5

 FFC5F2

 FFE1FF

 51103C

 51103C

■ 510839

■ 51183F

■ 510037

■ 512041

■ 512844

■ 513046

■ 513949

■ 51414C

■ 51494E

■ 515151

■ 515954

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



391F52



51103C



580B22

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51103C



2D2D00



00364E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51103C



105125

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003735



51103C



0F3300

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51103C



432400



00361A



00335D

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51103C



561211



00361A



003646

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51103C



694F60



251051



362631



B5B5B5



363636

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51103C



690448



51101C



292527



690047



E8009D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51103C



690448



105145



292527



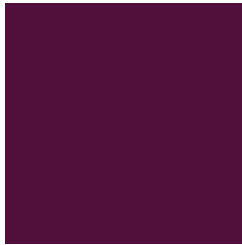
690047



E8009D

Previews

White Background



This preview shows how the Hex color 51103C looks on a white background.

Color Contrast Check

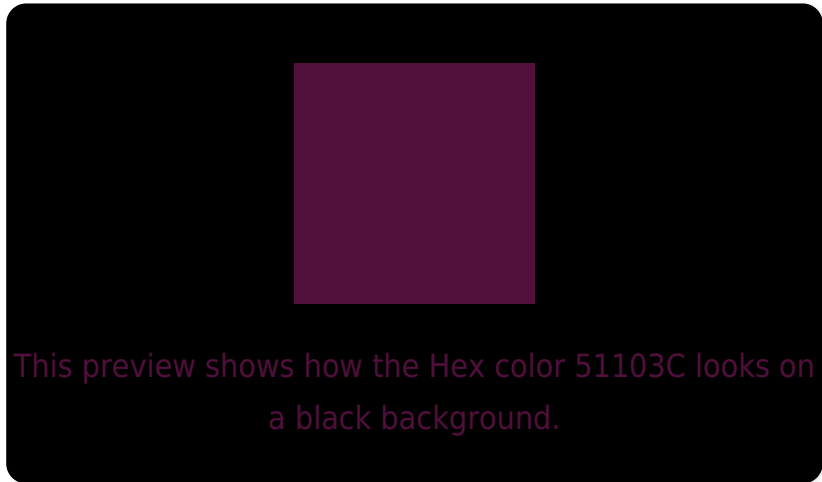
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

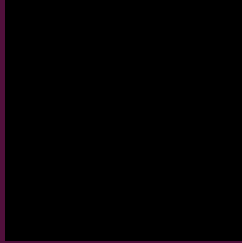
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 51103C Background



This preview shows how black text looks on a background with the Hex color 51103C.



This preview shows how white text looks on a background with the Hex color 51103C.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
51103C

Protanopia
1C2C51

Deuteranopia
2C2C38



Tritanopia
4F1B1D

Trichromacy



Original Color
51103C

Protanomaly
2F2249

Deuteranomaly
392239

Tritanomaly
501728

Monochromacy



Original Color
51103C

Achromatopsia
282828

Achromatomaly
371F2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 51103C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #51103C looks like.

```
.text, #text, p{  
    color:#51103C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #51103C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51103C
}
```

Border

The CSS property to change the border of an element to Hex 51103C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

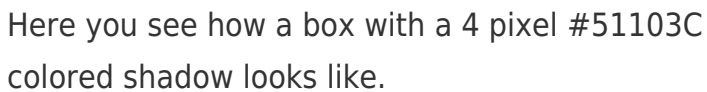
```
.border, #border, table{ border:4px solid
#51103C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#51103C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #51103C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51103C; -webkit-box-shadow:4px 4px  
4px 4px #51103C; box-shadow:4px 4px 4px  
4px #51103C }
```

Background

The CSS property to change the background color of an element to Hex 51103C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51103C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#51103C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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